

<b>BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE</b>		<b>Number:</b> LS-SDL-0015	<b>Revision: C</b>
		<b>Effective:</b> 3/24/05	<b>Page 1 of 2</b>
<b>Subject: Working on Power Supplies powered by 220Vac</b>			
<b>Prepared By:</b> B. Singh	<b>Reviewed By:</b> J. Rose	<b>Approved By:</b> X.J. Wang	

\*Document must contain approved signatures for validity

All work performed on equipment must be in strict accordance with **NFPA 70E** and **BNL ES&H STANDARD 1.5.1**

### **FOR SDL EQUIPMENT POWERED BY 120/220/480Vac**

Only **Responsible** or **Knowledgeable** Personnel can perform work on this type of equipment.

1. Before starting any work you must have the schematic and/or operating manual for reference.
2. Locate and turn off the AC line disconnect for the power supply in accordance with **NFPA 70E**.
3. **LOTO** the power supply in accordance with **BNL ES&H Standard 1.5.1**.
4. Step 3 & 4 must be completed before attaching and removing test leads.
5. Before enabling the power supply after attaching testing (removing LOTO) ensure that all access panels are replaced and all doors are closed. For each point of interest steps 2 & 3 must be completed before connecting and disconnecting test leads.
6. The Linac must be secured since magnet loads are within the LINAC enclosure.
7. After all work is completed and the power supply has been returned to service, log the faults and repairs in the SDL operations log.
8. Return schematics or manual to file.

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## NSLS REVISION & PERIODIC REVIEW LOG

**Document Number:** LS-SDL-0015

**Subject:** SDL POWER SUPPLY POWERED BY 220Vac

> See NSLS Quality Control Coordinator for original revision and review signatures <

## REVISION TABLE

Rev	Description	Date
A	First Issue	2/2/00
B	Editorial corrections	5/25/00
C	Removal 480 VAC, and update	3/24/05

## PERIODIC REVIEW TABLE

Complete this table to record the completion of periodic reviews for an existing controlled document. A successful periodic review will reveal the existing document is current, correct, and does not require any revision/change.

### Document Review Frequency

**2 years**

Rev	Date	Reviewed By (Print):	Signature: